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Submergible high density polyethylene compsn. - contg. zinc oxide, metal soap and carbon black

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 49025224	A	19740306					197445 B
JP 76037378	B	19761015					197646

Priority Applications (No Type Date): JP 7265162 A 19720629

Abstract (Basic): JP 49025224 A

Submergible polyethylene (I) monofilament is prepd. from a high d. I compsn. contg. ZnO 15-50, a metal soap 0.5-3 and carbon black 0.5-5%. In an example a mixt. of a ZnO powder (particle size 0.5 μ)³⁴, I with melt index 1.4 63, Li stearate 1, and carbon black 2% was pelletised, moulded into a strand, drawn 1000% at 100 degrees C, and wound at 120 m/min. without end breakage for 6 hr. to give monofilament with d. 1.33.